

ADEC AERMET Data Summary

2006 – 2010 Prudhoe Bay Unit A Pad

Issue/Revision Date: October 17, 2012

The Alaska Department of Environmental Conservation (ADEC) is providing the following previously approved AERMOD-ready meteorological data files for general use. Applicants who use these files should state that they obtained them from the ADEC's web-site. They will also need to demonstrate that the data are representative of the transport conditions at their stationary source. However, they will not need to provide quality assurance information or the supporting AERMET files. Additional information regarding the data/AERMET surface parameters used to generate these files may be found in the indicated permit application/technical analysis report.

Data Set: **Prudhoe Bay Unit A Pad**

Data Period: **2006 – 2010**

General Location: **Alaska North Slope – Prudhoe Bay**

Data Collected By: **BP Exploration (Alaska), Inc.**

Data Processed By: **BP Exploration (Alaska), Inc.**

AERMET Version: **11059**

Anemometer Height (m): **10**

Base Elevation (m): **18.6**

Upper Air Station (Name/WBAN #): **Barrow (27502)**

Permit Record with Original Documentation: **AQ0184MSS02 (BPXA GC-3)**

Comments: *Substituted missing temperature and solar radiation data with temperature and cloud cover data collected at the Deadhorse National Weather Service station (27406).*

Revision Notes:

- 10/17/12: In the surface file, replaced the blank entry for “SF_ID” with 9999 in order for the file to run in some AERMOD Graphical User Interfaces.